

Making Sherbet

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You may be familiar with sherbet, it's a tasty treat for kids and also great for talking about acids and bases. Why? Let's find out!



Materials :

- 1/2 teaspoon of citric acid crystals
- 1 teaspoon of icing sugar
- 1/4 teaspoon of bicarbonate of soda (baking soda)
- 1/2 teaspoon of drink crystals

Making Sherbet:

Sherbet is great because it contains both an acid and a base which react when they are together. The key is that they don't react until they reach your tongue. Why? Because this chemical reaction needs moisture to get it started. So where does this moisture come from? It comes from your mouth! That's right, there's a chemical reaction going on in your mouth when you eat sherbet.

Try making some sherbet of your own and give it a try:

1. Find a bowl and make sure it's clean and dry.
2. Mix together the following ingredients:
 - 1/2 teaspoon of citric acid crystals
 - 1 teaspoon of icing sugar
 - 1/4 teaspoon of bicarbonate of soda (baking soda)
 - 1/2 teaspoon of drink crystals

Stir everything together and then have a taste of your delicious sherbet! Can you tell that there's a chemical reaction happening on your tongue?

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